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ABSTRACT

The present invention relates to novel enzymes which share certain conserved sequences with EGIII from *Trichoderma reesei*. These EG-III like cellulases comprise an amino acid sequence comprising therein an amino acid string selected from the group consisting of:

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- (a) Asn-Asn-(Leu/Phe/Lys/Ile)-Trp-Gly
 - (b) Glu-(Leu/Phe/Ile)-Met-Ile-Trp
 - (c) Gly-Thr-Glu-Pro-Phe-Thr;
 - (d) (Ser/Tyr/Cys/Trp/Thr/Asn/Lys/Arg)-(Val/Pro)-(Lys/Ala)-(Ser/Ala)-
(Tyr/Phe);
 - (e) Lys-Asn-Phe-Phe-Asn-Tyr.